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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frank L. Hall

Serial No.: 09/863,676

Filed: May 21, 2001

For: METHODS FOR PREPARING BALL  
GRID ARRAY SUBSTRATES VIA USE OF A  
LASER

Examiner: Unknown

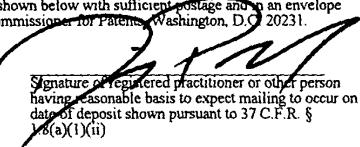
Group Art Unit: Unknown

Attorney Docket No.: 4718US (00-0316)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

August 9, 2001  
Date of Deposit

  
Signature of registered practitioner or other person  
having reasonable basis to expect mailing to occur on  
date of deposit shown pursuant to 37 C.F.R. §  
1.8(a)(1)(ii)

Deidra Pfeil  
Typed/printed name of person whose signature is  
contained above

PRELIMINARY AMENDMENT

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced patent application on the merits, entry of the amendments as set forth herein is respectfully solicited.



IN THE SPECIFICATION:

Pursuant to 37 C.F.R. §§ 1.121 and 1.125 (as amended to date) please enter the substitute specification in clean form and including paragraph numbers [0001] through [0039] attached hereto as Appendix A. A marked-up substitute specification to clearly identify amendments to the specification as required by 37 C.F.R. § 1.121(b)(3)(iii) is attached hereto as Appendix B.

IN THE CLAIMS:

Claims 6, 12, and 18-20 have been amended herein. All of the pending claims 1 through 23 are presented, pursuant to 37 C.F.R. §§ 1.121(c)(1)(i) and 1.121(c)(3), in clean form in Appendix C attached hereto. Please enter these claims as amended. Also attached as Appendix D is a marked-up version of the claims amended herein pursuant to 37 C.F.R. § 1.121(c)(1)(ii).

IN THE DRAWINGS:

Accompanying this Preliminary Amendment is a Letter to the Chief Draftsman submitting proposed revisions to FIGS. 4 and 5. Approval of the revised figure is respectfully requested. Also enclosed is a Transmittal of Formal Drawings with formal drawings revised as proposed.

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